



RHODE ISLAND
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

235 Promenade Street, Providence, RI 02908-5767

TDD 401-222-4462

October 13, 2009

Rhode Island Zoological Society
c/o Ronald V. Patalano, Deputy Zoo Director
1000 Elmwood Avenue
Providence, RI 02907

Insignificant Alteration – Permit

RE: Application No. 09-0215 in reference to the property and proposed project located:

Approximately 450 feet north northeast of Linden Avenue, approximately 950 feet northeast of the intersection of Linden Avenue and Elmwood Avenue (Rt. 1), at the Roger Williams Park Zoo, Assessor's Plat 90, Lot 1, Providence, RI.

Dear Mr. Patalano:

Kindly be advised that the Department of Environmental Management's ("DEM") Freshwater Wetlands Program ("Program") has completed its review of your **Request for Preliminary Determination** application. This review included a site inspection of the above referenced property ("subject property") and an evaluation of the proposed construction of a veterinary hospital, a paved parking area, and stormwater system as illustrated and detailed on site plans submitted with your application. These site plans were received on August 24, 2009.

Our observations of the subject property, review of the site plans and evaluation of the proposed project reveals that alterations of freshwater wetlands are proposed. However, pursuant to Rule 9.00 of the Rules and Regulations Governing the Administration and Enforcement of the Fresh Water Wetlands Act (Rules), this project may be permitted as an **insignificant alteration** to freshwater wetlands under the following terms and conditions:

Terms and Conditions for Application No. 09-0215:

1. This letter is the DEM's permit for this project under the R.I. Fresh Water Wetlands Act, Rhode Island General Laws (RIGL) Section 2-1-18 et seq.
2. This permit is specifically limited to the project, site alterations and limits of disturbance as detailed on the site plans submitted with your application and received by the DEM on August 24, 2009. A copy of the site plans stamped approved by the DEM is enclosed. Changes or revisions to the project that would alter freshwater wetlands are not authorized without a permit from the DEM.



30% post-consumer fiber

3. Where the terms and conditions of the permit conflict with the approved site plans, these terms and conditions shall be deemed to supersede the site plans.
4. You must notify this Program in writing immediately prior to the commencement of site alterations and upon completion of the project.
5. A copy of the stamped approved site plans and a copy of this permit must be kept at the site at all times during site preparation, construction, and final stabilization. Copies of this permit and the stamped approved plans must be made available for review by any DEM or City representative upon request.
6. Within ten (10) days of the receipt of this permit, you must record this permit in the land evidence records of the City of Providence and supply this Program with written documentation obtained from the City showing this permit was recorded.
7. The effective date of this permit is the date this letter was issued. This permit expires four (4) years from the date of issue unless renewed pursuant to the Rules.
8. Any material utilized in this project must be clean and free of matter that could pollute any freshwater wetland.
9. Prior to commencement of site alterations, you shall erect or post a sign resistant to the weather and at least twelve (12) inches wide and eighteen (18) inches long, which boldly identifies the initials "DEM" and the application number of this permit. This sign must be maintained at the site in a conspicuous location until such time that the project is complete.
10. Temporary erosion and sediment controls detailed or described on the approved site plans shall be properly installed at the site prior to or commensurate with site alterations. Such controls shall be properly maintained, replaced, supplemented, or modified as necessary throughout the life of this project to minimize soil erosion and to prevent sediment from being deposited in any wetlands not subject to disturbance under this permit.
11. Upon permanent stabilization of all disturbed soils, temporary erosion and/or sediment controls consisting of hay bales and/or silt fence must be removed.
12. You are responsible for the proper installation, operation, maintenance and stability of any mitigative features, facilities, and systems of treatment and control which are installed or used in compliance with this permit to prevent harm to adjacent wetlands until such time that you document that this responsibility has been assumed by another person or organization.
13. You are obligated to install, utilize and follow all best management practices detailed or described on the approved site plans in the construction of the project to minimize or prevent adverse impacts to any adjacent freshwater wetlands and the functions and values provided by such wetlands.

14. All plantings of shrubs, trees or other forms of vegetation as shown or detailed on the approved plans, or detailed in this permit, must be installed as soon as possible after completion of final grading; weather and season permitting. Any plantings that fail to survive one full growing season shall be replaced. Replacement plantings shall be similarly guaranteed for one full growing season.
15. Buffer zone plantings of trees and/or shrubs proposed between the project and any adjacent freshwater wetland areas, except for necessary replacement, must be allowed to develop naturally without being subjected to mowing or manicuring.
16. You must provide written certification from a registered land surveyor or registered professional engineer that the stormwater drainage system including any and all basins, piping systems, catch basins, culverts, swales and any other stormwater management control features have been constructed/installed in accordance with the site plans approved by this permit. This written certification must be submitted to this Program within twenty (20) days of its request or upon completion of the project.
17. This Program has made specific revisions to the approved site plans. These revisions are clearly marked in red on the approved plans. This project must take place in compliance with these revisions.
 - a. The sheets of the approved plan set have been numbered consecutively sheets 1 of 1 through 1 of 10.
 - b. The proposed plantings located northeast of Bio-retention Basin #2 must include an equal number of Highbush blueberry (*Vaccinium corymbosum*), Common elderberry (*Sambucus canadensis*), American cranberry (*Viburnum trilobum*), and Gray dogwood (*Cornus racemosa*). The plants must be placed in a staggered row eight feet (8') on center and be three to four feet (3'-4') in height after planting.

Pursuant to the provisions in Rule 7.09 and 11.04, as applicable, any properly recorded and valid permit is automatically transferred to the new owner upon sale of the property.

Kindly be advised that this permit is not equivalent to a determination of the type or extent of freshwater wetlands on the subject property. Should you wish to obtain such verification, you may submit an application in accordance with Rule 8.03.

You are required to comply with the terms and conditions of this permit and to carry out this project in compliance with the Rules at all times. Failure to do so may result in an enforcement action by this Department.

Application No. 09-0215

Page 4

In permitting the proposed alterations, the DEM assumes no responsibility for damages resulting from faulty design or construction.

This permit does not remove your obligation to obtain any local, state, or federal approvals or permits required by ordinance or law and does not relieve you from any duties owed to adjacent landowners with specific reference to any changes in drainage.

Please contact me at (telephone: 401-222-6820, Ext. 7412) should you have any questions regarding this letter.

Sincerely,



W. Joseph Casey, Senior Environmental Scientist
Office of Water Resources
Freshwater Wetlands Program

JC/jc

Enclosure: Approved site plans

xc: William C. Bombard, Providence Building Official
Shawn M. Martin, P.E., Fuss & O'Neill, Inc.